

facing each other with a gap therebetween, the bottom end parts of said pair being parallel to each other and twisted by 90 degrees from said top parts, said temperature sensing element being sandwiched between said top end parts in said gap, each of said top end parts being electrically connected to a corresponding one of said electrodes.

Add the following new claims:

21. A temperature sensor comprising:
a temperature sensing element having electrodes thereon;
elongated electrically conductive lead lines each having one end attached to a corresponding one of said electrodes and an approximately semi-circularly formed kinked part proximal to the other end thereof; and
an electrically insulating cover which covers said temperature sensing element and portions of said lead lines but leaves the kinked parts exposed.
22. The temperature sensor of claim 21 wherein said lead lines are bent in a same direction to form said kinked parts.
23. The temperature sensor of claim 21 wherein said conductive lead lines comprise a material selected from the group consisting of phosphor bronze, german silver, beryllium, SUS, Cu-Ti alloys, brass, plated phosphor bronze, plated german silver, plated beryllium, plated SUS, plated Cu-Ti alloys and plated brass.
24. The temperature sensor of claim 22 wherein said conductive lead lines comprise a material selected from the group consisting of phosphor bronze, german silver, beryllium, SUS, Cu-Ti alloys, brass, plated phosphor bronze, plated german silver, plated beryllium, plated SUS, plated Cu-Ti alloys and plated brass.
25. The temperature sensor of claim 21 wherein said temperature sensing element is an NTC thermistor element.